



METROPOLITAN  
TRANSPORTATION  
COMMISSION

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## *Memorandum*

TO: Operations Committee

DATE: July 3, 2008

FR: Deputy Executive Director, Policy

W.I.: 1235

RE: Contract –Traffic Management Center Camera System Enhancements: ICx Technologies, Inc.

In April 2008, the Operations Committee authorized MTC SAFE to enter into a sole source contract in an amount not to exceed \$700,000 with ICx Technologies, Inc. to proceed with Phase II of the Bay Area Video Upgrade (BAVU) Project. Staff requests authorization to increase the contract amount by \$580,000 to \$1.28 million.

### **Background**

The purpose of BAVU is to assist Caltrans in upgrading the system for controlling freeway surveillance cameras from the Regional Transportation Management Center (TMC), and to upgrade or replace all of the cameras, including implementing an IP-addressable communications system. In March 2005, MTC SAFE entered into a contract with PB Farradyne for Phase I and Phase II of the BAVU project. The contract with PB Farradyne specifies use of proprietary software (Cameleon), developed by 360 Surveillance, Inc, as the platform for the new camera control system.

In April 2008, the Committee accepted staff's recommendation not to exercise the option to have Telvent Farradyne, the successor to PB Farradyne, implement Phase II, but rather to enter into a sole source contract with ICx Transportation Group, Inc, which owns 360 Surveillance, Inc., for enhancements of the tasks indicated below. After negotiations with ICx, the price of the tasks has increased as shown below, with the original cost estimates shown as strike through text. The major changes include increases in the cost to test, configure, and integrate the 450 cameras into the existing system. The previous estimate of \$700,000 was based on hardware costs from Phase I, which have since increased dramatically, and did not take into account ICx's need to rent warehouse space for one year. It also underestimated the cost of implementing the three back-up servers, including the need for \$120,000 in additional hardware:

1. Add 450 CCTV camera locations to the BAVU System (approximately ~~\$100,000~~ \$350,000)

2. Implement back-up servers and software upgrades (approximately ~~\$200,000~~ \$470,000)
3. Three year support and maintenance (approximately ~~\$200,000~~ \$280,000)
4. Additional Task Orders (\$200,000)

**Recommendation**

Staff requests that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract with ICx Technologies, Inc. in an amount not to exceed \$1,280,000 for BAVU TMC Enhancements.

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Therese McMillan

AF/JG

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract

Work Item No.:	1235
Consultant:	ICx Transportation Group, Inc San Francisco, CA
Work Project Title:	BAVU TMC Enhancements
Purpose of Project:	Enhance the camera control system and extend it to control all 400 freeway surveillance cameras.
Brief Scope of Work:	Enhance BAVU camera control system by extending system to control all of Caltrans' existing CCTV cameras, modifying the software, and providing system support and maintenance for 3 years.
Project Cost Not to Exceed:	\$1,280,000
Funding Sources:	CMAQ and SAFE (match)
Fiscal Impact:	Funds included in FY 2004-05 agency budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract with ICx Technologies, Inc. in an amount not to exceed \$1,280,000 for BAVU TMC Enhancements, and the Chief Financial Officer is directed to set aside funds up to \$1,280,000 for such Contract
Operations Committee:	<hr/> Sue Lempert, Chair
Approved:	Date: July 11, 2008